

Notice of Allowability

Application No.

09/941,479

Examiner

Isaac M Woo

Applicant(s)

YAHIA ET AL.

Art Unit

2162

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to response filed on 05/02/2005.
2. ☒ The allowed claim(s) is/are 1,2 and 4-17.
3. ☒ The drawings filed on 05 October 2004 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

JEAN M. CORRIELUS
PRIMARY EXAMINER

DETAILED ACTION

1. Claims 1-2 and 4-17 are presented for examination. This office action is in response to the Amendment After Final Action filed on May 02, 2005. Claim 3 was "objected to" in depending from a rejected base claim, but containing patentable subject matter on final action. Applicant amended independent claim 1 to include the limitations of objected to claim 3. Claim 3 is canceled.

Allowable Subject Matter

2. Claims 1-2 and 4-17 are allowed.

Reason For Indicating Allowable Subject Matter

3. The following is a statement of reasons for the indication of allowable subject matter: Claim 1 identifies distinct feature, the computer method for searching a query servers organized as a forest having a plurality of entries. The closest prior arts, Chandra et al (U.S. Patent No. 6,457,047) and/or Cooper et al (U.S. Patent No. 5,948,063) disclose, generating a topology cache of the distributed directory servers, the topology describing the forest-structured, distributed topology of the directory servers, storing the generated topology cache at each server, upon receiving, at one server, a request from a directory client associated with that server, sending a copy of

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the topology cache to the client to determine the identity of each directory server capable of returning answers to the query. The prior arts do not address computer method for forming, at the client, a distributed-query evaluation plan P for a given query Q , based on the topology cache T sent to the client,

where $P = Q_{S_1} @ S_1 \cup \dots \cup Q_{S_k} @ S_k$,

where S_1, \dots, S_k are defined as relevant directory servers for query Q extracted from the topology cache T and Q_{S_i} is the particular query for user with-server S_i .

Chandra et al (U.S. Patent No. 6,457,047) and/or Cooper et al (U.S. Patent No. 5,948,063) fail to suggest the claimed limitation as mentioned above in combination with other limitations of the dependent and independent claims. The claims 2 and 4-17 are hereby allowed.


Conclusion

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Isaac M Woo whose telephone number is (571) 272-4043. The examiner can normally be reached on 8:00-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John E Breene can be reached on (571) 272-4107. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

IMW
May 16, 2005


JEAN M. CUMMINGS
PRIMARY EXAMINER